

| Data to collect in short-term   | EPA Freshwater Aquatic Life Criteria- ACUTE (ug/L)<br><i><b>bolded</b></i> values are mg/L | EPA Freshwater Aquatic Life Criteria- CHRONIC (ug/L)<br><i><b>bolded</b></i> values are mg/L | EPA Saltwater Aquatic Life Criteria- ACUTE (ug/L)<br><i><b>bolded</b></i> values are mg/L | EPA Saltwater Aquatic Life Criteria- CHRONIC (ug/L)<br><i><b>bolded</b></i> values are mg/L | EPA Human Health Criteria-Water+Org (ug/L)<br><i><b>bolded</b></i> values are mg/L | EPA Human Health Criteria-Org only (ug/L)<br><i><b>bolded</b></i> values are mg/L | EPA PAH Benchmark-Acute (ug/L)<br><i><b>bolded</b></i> values are mg/L | EPA PAH Benchmark-Chronic (ug/L)<br><i><b>bolded</b></i> values are mg/L | Alabama_Saltwater_Aquatic Life_Acute (ug/L)<br><i><b>bolded</b></i> values are mg/L | Alabama_Saltwater_Aquatic Life_Chronic (ug/L)<br><i><b>bolded</b></i> values are mg/L | Florida_Saltwater_Aquatic Life_Chronic (ug/L)<br><i><b>bolded</b></i> values are mg/L | Louisiana_Saltwater_Aquatic Life_Acute (ug/L)<br><i><b>bolded</b></i> values are mg/L | Louisiana_Saltwater_Aquatic Life_Chronic (ug/L)<br><i><b>bolded</b></i> values are mg/L | Mississippi_Saltwater_Aquatic Life_Acute (ug/L)<br><i><b>bolded</b></i> values are mg/L | Mississippi_Saltwater_Aquatic Life_Chronic (ug/L)<br><i><b>bolded</b></i> values are mg/L | Notes                        |  |  |        |
|---------------------------------|--|--|---|---|--|---|--|--|---|---|---|---|---|---|---|------------------------------|--|--|--------|
| 0-Wylene                        |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| 1,2,4-Trimethylbenzene          |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| 1,3,5-Trimethylbenzene          |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| 1,3-Butadiene                   |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| 2,2,4-Trimethyl Pentane         |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| 2-Methylnaphthalene             | 150.0928   | 72.16  | 150.0928  | 72.16   |  |   | 150.09   | 72.16  |   |   |   |   |   |   |   |                              |  |  |        |
| 4,4'-DDD (p,p'-DDD)             |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| 4,4'-DDE (p,p'-DDE)             |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| 4,4'-DDT (p,p'-DDT)             |  |  |   |   |  |   |  |  | 0.13  | 0.001   | 0.00059   |   |   | 0.13  | 0.001   | FL: 0.001 ug/L maximum value |  |  |        |
| 7,12-Dimethylbenz(a)-anthracene |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Acenaphthylene                  | 638.352  | 306.9  | 638.352   | 306.9   |  |   |  |  | 0.7307  | 0.3513  |   |   |   |   |   |                              | FL: represents annual average of total of all PAHs |  |        |
| Acenaphthene                    | 116.168  | 55.85  | 116.168   | 55.85   |  |   |  |  | 638.35  | 306.9   |   |   |   | 0.031   |   |                              |  |  |        |
| Anthracene                      | 43.1184  | 20.73  | 43.1184   | 20.73   |  |   |  |  | 116.17  | 55.85   |   |   |   |   |   |                              | FL: represents annual average of total of all PAHs |  |        |
| Arsenic                         | 0.34   | 0.15   | 0.069   | 0.036   | 0.000018   | 0.00014   |  |  |   |   | 0.069   | 0.036   | 0.05  | 0.069   | 0.036   | 0.069                        | 0.036  | FL: Trivalent <= 36 ug/L                           |        |
| Benzene                         |  |  |   |   |  |   |  |  |   |   | 71.28   | 2700  | 1350  |   |   |                              |  |  |        |
| Benzo(b)fluoranthene 205-99-2   | 1.409  | 0.677  | 1.409   | 0.677   |  |   |  |  | 1.409   | 0.6774  |   |   |   | 0.031   |   |                              |  | FL: represents annual average of total of all PAHs |        |
| Benzo(g,h,i)perylene 191-24-2   | 0.913  | 0.439  | 0.913   | 0.439   |  |   |  |  | 0.9133  | 0.4391  |   |   |   | 0.031   |   |                              |  | FL: represents annual average of total of all PAHs |        |
| Benzo(k)fluoranthene 207-08-9   | 1.334  | 0.642  | 1.334   | 0.642   |  |   |  |  | 1.334   | 0.6415  |   |   |   | 0.031   |   |                              |  | FL: represents annual average of total of all PAHs |        |
| Benzo[a]anthracene              | 4.632  | 2.227  | 4.632   | 2.227   |  |   |  |  | 4.632   | 2.227   |   |   |   | 0.031   |   |                              |  | FL: represents annual average of total of all PAHs |        |
| Benzo[a]pyrene                  | 1.991  | 0.957  | 1.991   | 0.957   |  |   |  |  | 1.991   | 0.9573  |   |   |   | 0.031   |   |                              |  | FL: represents annual average of total of all PAHs |        |
| Cadmium                         | 0.002  | 0.00025  | 0.004   | 0.0088  |  |   |  |  |   |   | 0.04  | 0.0088  | 0.0088  | 0.04535   | 0.01  | 0.04                         | 0.0088   |  |        |
| Carbon Disulfide                |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Carbonyl Sulfide                |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Chlorophyll                     |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Chromium                        |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Chromium (3+)                   | 0.57   | 0.074  |   |   |  |   |  |  |   |   | 1.1   | 0.05  | 0.05  | 1.1   | 0.05  |                              |  |  |        |
| Chromium (4+)                   | 0.016  | 0.011  | 1.1   | 0.05  |  |   |  |  |   |   |   |   | 0.515   | 0.103   |   |                              |  |  |        |
| Chrysene                        |  |  |   |   |  |   |  |  |   |   |   |   | 0.031   |   |   |                              | FL: represents annual average of total of all PAHs |  |        |
| Copper                          |  |  | 0.0048  | 0.0031  | 1.3  |   |  |  | 4.247   | 2.042   |   |   |   |   |   |                              |  |  |        |
| Cumene                          |  |  |   |   |  |   |  |  |   |   |   |   | 0.0048  | 0.0031  | 0.0037  | 0.00363                      | 0.00363  | 0.0048   | 0.0031 |
| Cyclohexane                     |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              | FL: represents annual average of total of all PAHs |  |        |
| Dibenz[a,h]anthracene           | 0.5876   | 0.2825   | 0.5876  | 0.2825  |  |   |  |  | 0.5876  | 0.2825  |   |   |   | 0.031   |   |                              |  | FL: represents annual average of total of all PAHs |        |
| Dibenzo(a,e)pyrene              |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              | FL: represents annual average of total of all PAHs |  |        |
| Dieldrin                        |  |  |   |   |  |   |  |  |   |   | 0.71  | 0.0019  |   |   |   |                              |  |  |        |
| DIN                             |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| DIP                             |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Dissolved oxygen                |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Ethylbenzene                    |  |  |   |   |  |   |  |  |   |   |   |   |   | 8760  | 4380  |                              |  |  |        |
| Ethylene oxide                  |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Fluorene                        | 81.744   | 39.3   | 81.744  | 39.3  |  |   |  |  | 81.744  | 39.3  |   |   |   |   |   |                              |  |  |        |
| Fluoranthene                    | 14.78672   | 7.109  | 14.78672  | 7.109   |  |   |  |  | 14.787  | 7.109   |   |   |   |   |   |                              |  |  |        |
| Formaldehyde                    |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Gamma BHC (Lindane)             |  |  |   |   |  |   |  |  |   |   |   |   |   |   | 0.16  |                              |  |  |        |
| Heptane                         |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Hexane                          |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Indeno(1,2,3-cd)pyrene 193-39-5 | 0.572  | 0.275  | 0.572   | 0.275   |  | 0.3   |  |  | 0.572   | 0.275   |   |   |   | 0.031   |   |                              |  | FL: represents annual average of total of all PAHs |        |
| Iron                            |  | 1  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Lead                            | 0.065  | 0.0025   | 0.21  | 0.0081  |  |   |  |  |   |   | 0.21  | 0.0081  | 0.0085  | 0.209   | 0.00808   | 0.21                         | 0.0081   |  |        |
| Manganese                       |  |  |   |   |  |   |  |  |   |   |   |   | 0.05  | 0.1   |   |                              |  |  |        |
| Mercury                         | 0.0014   | 0.00077  | 0.0018  | 0.00094   |  |   |  |  | 0.3   |   |   | 0.0021  | 0.000025  | 0.000025  | 0.002   | 0.000025                     |  | Human Health (Org. only) units are mg/kg           |        |
| Methyl Cyclohexane              |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| m-Xylene                        |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Naphthalene                     | 402.48   | 193.5  | 402.48  | 193.5   |  |   |  |  | 402.48  | 193.5   |   |   |   |   |   |                              |  |  |        |
| Nickel                          | 0.47   | 0.052  | 0.074   | 0.0082  | 0.61   | 4.6   |  |  |   |   | 0.074   | 0.0082  | 0.0083  | 0.074   | 0.0082  | 0.167                        | 0.0185   |  |        |
| Octane                          |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Oil and Grease                  |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Pentane                         |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |
| Phenanthrene                    | 39.7904  | 19.13  | 39.7904   | 19.13   |  |   |  |  | 39.79   | 19.13   |   |   |   | 0.031   |   |                              |  | FL: represents annual average of total of all PAHs |        |
| Propylene oxide                 |  |  |   |   |  |   |  |  |   |   |   |   |   |   |   |                              |  |  |        |